## (19) World Intellectual Property Organization International Bureau





(43) International Publication Date 6 July 2006 (06.07.2006)

(10) International Publication Number WO 2006/069811 A3

- (51) International Patent Classification: **C07D 263/56** (2006.01) **C08L 69/00** (2006.01)
- **G02B 1/04** (2006.01)
- (21) International Application Number:

PCT/EP2005/014202

(22) International Filing Date:

30 December 2005 (30.12.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/640,506

30 December 2004 (30.12.2004) US

- (71) Applicant (for all designated States except US): ES-SILOR INTERNATIONAL (COMPAGNIE GEN-ERALE D'OPTIQUE) [FR/FR]; 147 Rue De Paris, F-94220 Charenton-le-pont (FR).
- (71) Applicant and
- (72) Inventor: KAUFFMAN, Joël [US/US]; 65 Meadowbrook Road, Wayne, Pennsylvania 19087 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LITAK, Peter T. [US/US]; 4900 Park Street North, St Petersburg, Florida 33709 (US). RICKWOOD, Martin [GB/US]; 4900 Park ance Notes on Codes and Abbreviations" appearing at the begin-Street North, St Petersburg, Florida 33709 (US).

- (74) Agents: CATHERINE, Alain et al.; Cabinet HARLE et PHELIP, 7 Rue De Madrid, F-75008 Paris (FR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## **Published:**

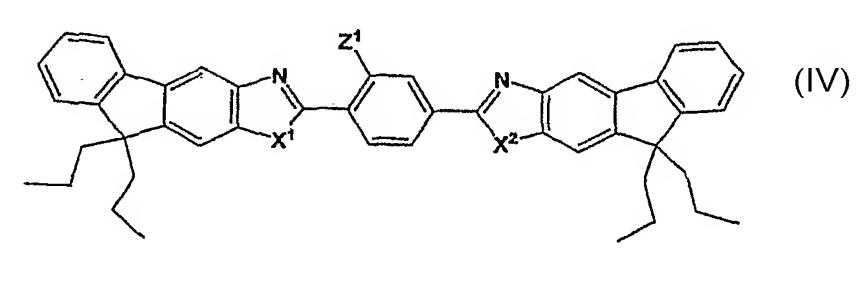
with international search report

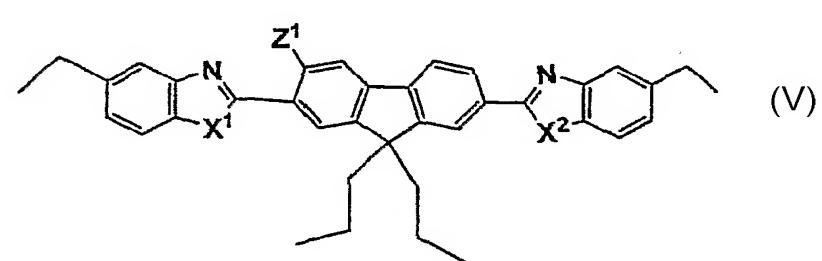
ning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report: 4 January 2007

For two-letter codes and other abbreviations, refer to the "Guid-

(54) Title: COMPOUNDS THAT ABSORB ULTRAVIOLET LIGHT, METHODS OF THEIR PREPARATION AND OPTICAL LENSES CONTAINING THEM





(57) Abstract: Compounds of Formula 4 or 5 that absorb ultraviolet light 380 nm to 400 nm range but avoid absorption in the blue light range, thereby imparting yellowness, i.e., 410-420 nm: have suitable refractive characteristics useful in the preparation of optical resins or plastics suitable, for example, for the manufacture of ophthalmic Methods for making the lenses. compounds, optic lenses containing the compounds, and methods for making these are also described. Formula (4); Formula (5).